

TEMNIKOVA, T.I.; YERSHOV, B.A.

Chemical transformations of α -halo ketones. Part 6: Reactions of α -bromopropiophenone and α -bromobutyrophenone with sodium derivatives of acetoacetic ester and dimedon. Zhur.ob.khim. 33 (MIRA 16:7) no.6:1732-1738 Je '63.

1. Leningradskiy gosudarstvennyy universitet.
(Propiophenone) (Butyrophenone) (Acetoacetic acid)
(Cyclohexanedione)

TEMNIKOVA, T.I.; YERSHOV, B.A.

Cyclic acetals of hydroxycarbonyl compounds. Part 12: Reactions of methyllactolides of methylbenzoylcarbinol and ethylbenzoylcarbinol with sodium acetoacetic ester. Zhur.ob.khim. 33 no.6:1738-1743 (MIRA 16:7) Je '63.

1. Leningradskiy gosudarstvennyy universitet.
(Carbonyl compounds) (Acetoacetic acid)

TEMNIKOVA, T.I.; OSHUYEVA, N.A.

β -Hydroxy- and β -halocarbonyl compounds. Part 3: Preparation and study of some β -halocarbonyl compounds, analogs of neopentyl bromide. Zhur. ob. khim. 33 no.8:2464-2468 Ag '63. (MIRA 16:11)

1. Leningradskiy gosudarstvennyy universitet.

TEMNIKOVA, T.I.; ZHESKO, T.Ye.

Condensation of α -methoxy- α -phenyl- β , β -dimethylethylene
oxide with benzonitrile. Zhur.ob.khim. 33 no.10:3436 0 '63.
(MIRA 16:11)

1. Leningradskiy gosudarstvennyy universitet.

TEMNIKOVA, T.I.; YERSHOV, B.A.; ARDITI, A.I.; RAZUMOVSKAYA, R.N.

Interaction of α -oxybromides with Na derivatives of β -di-carbonyl compounds. Zhur.ob.khim. 33 no.10:3436-3437 0 '63.
(MIRA 16:11)

1. Leningradskiy gosudarstvennyy universitet.

TEMNIKOVA, T.I.; GONTAREV, B.A.

Cyclic acetals of hydroxycarbonyl compounds. Part 13: Possibility
of condensing methoxy oxides with aldehydes and ketones of the
aliphatic, aliphatic-aromatic, and alicyclic series. Zhur.ob.khim.
33 no.12:3799-3802 D '63. (MIRA 17:3)

1. Leningradskiy gosudarstvennyy universitet.

TEMNIKOVA, T.I.; GONTAREV, B.A.

Cyclic acetals of hydroxycarbonyl compounds. Part 14: Methyl lactolide of dimethyl-p-toluylicarbinol and its condensation with carbonyl-containing compounds; mechanism of the condensation reaction. Zhur.ob. khim. 34 no.1:24-28 Ja '64. (MIRA 17:3)

1. Leningradskiy gosudarstvennyy universitet.

TEMNIKOVA, T.I.; KIRIKOVA, N.S.

Cyclic acetals of hydroxy carbonyl compounds. Part 15: Methylactolide of methyl-p-chlorobenzoylcarbinol and its properties. Zhur.ob.khim. 34 no.2:381-383 F '64. (MIRA 17:3)

1. Leningradskiy gosudarstvennyy universitet.

TEMNIKOVA, T.I.; KAUROV, O.A.

Cyclic acetals of hydroxy carbonyl compounds. Part 16: Methyllactolides
of ring-substituted ethylbenzoylcarbinols. Zhur.ob.khim. 34 no.2:386-
390 F '64. (MIRA 17:3)

1. Leningradskiy gosudarstvennyy universitet.

TEMNIKOVA, T.I.; KAUROV, O.A.

Interaction of sodium methylate in a methyl alcohol solution with
 α -halo ketones of the fatty-aromatic series. Zhur.ob.khim. 34 no.2:
707 F '64. (MIRA 17:3)

1. Leningradskiy gosudarstvennyy universitet.

TEMNIKOVA, T.I.; DNEPROVSKIY, A.S.

Chemical transformations of α -halo ketones. Part 10: Interaction
of dibenzoylbromomethane with nucleophilic reagents. Zhur. ob.
khim. 34 no.9:2845-2847 S '64. (MIRA 17:11)

1. Leningradskiy gosudarstvennyy universitet.

TEMNIKOVA, T.I.; KARAVAN, V.S.

Chemical transformations of α -halo ketones. Part 10: Reaction of
 α -halodeoxybenzoins and α -haloaryldeoxybenzoins with sodium
methylate in methanol. Zhur. ob. khim. 34 no.10:3157-3164 O '64.
(MIRA 17:11)

1. Leningradskiy gosudarstvennyy universitet.

TEMNIKOVA, T.I.; KAUROV, O.A.

Cyclic acetals of hydroxycarbonyl compounds. Part 17: Reaction of sodium methylate with α -halo ketones containing different substituents in the benzene ring. Zhur. ob. khim. 34 no.10: 3165-3168 O '64. (MIRA 17:11)

1. Leningradskiy gosudarstvennyy universitet.

TEMNIKOVA, T.I.; KARAVAN, V.S.

Kinetics of the reaction of substituted β -haloalkoxybenzoins
with sodium methylate in methyl alcohol. Zhur.org.khim. 1
no.3:609-610 Mr '65.

(MIRA 18:4)

1. Leningradskiy gosudarstvennyy universitet.

TEMNIKOVA, T.I.; KOVALEVSKAYA, R.N.

Reaction of α -bromodeoxybenzoin with Na-cyanoacetic and Na-methylcyanoacetic esters. Zhur.org.khim. 1 no.3:612 Mr '65.
(MIRA 18:4)

1. Leningradskiy gosudarstvennyy universitet.

TEMNIKOVA, T.I.; SEMENOVA, S.N.

Interaction of α -bromine oxides with metallic derivatives of compounds with a labile hydrogen atom. Part 3: Reaction of sodium malonic ester with α -bromine oxides of 1-butene, 2-butene, and 2-methyl-2-butene. Zhur. ob. khim. 35 no.1:27-31 Ja '65.
(MIRA 18:2)

1. Leningradskiy gosudarstvennyy universitet.

TEMNIKOVA, T.I.; TAKHISTOV, V.V.

Reactions of methyl- -Cl-ethyl ether with the metal derivatives
of acetoacetic ester. Zhur. ob. khim. 35 no.4:752 Ap '65.
(MIRA 18:5)

1. Leningradskiy gosudarstvennyy universitet.

TEMNIKOVA, T.I.; YEREMOV, B.A.; ARDITI, A.I.

Interaction of metallic derivatives of compounds containing a labile hydrogen atom with α -oxyhalides. Part 5: Regarding the structure of the products of interaction of Na-acetoacetic ester with 1-bromo-3-methyl-1,2,3-epoxybutane, 1-bromo-2,3-epoxybutane, 3-bromo-1,2-epoxybutane, and epibromohydrin. Zhur. ob. khim. 35 no.5:788-795 My '65. (MIRA 18:6)

1. Leningradskiy gosudarstvennyy universitet.

TEMNIKOVA, T.I.; YERSHOV, B.A.

Interaction of metallic derivatives of compounds containing
a labile hydrogen atom with α -oxyhalides. Part 6: Reaction
of Na-acetoacetic ester with chloroprene oxide in ethanol.
Zhur. ob. khim. 35 no.5:796-798 My '65. (MIRA 18:6)

1. Leningradskiy gosudarstvennyy universitet.

TEMNIKOVA, T.I.; KOVALENKAYA, R.N.

Interaction of metallic derivatives of compounds having a labile hydrogen atom with α -oxyhalides. Part 7: Reaction of diphenylacetonitrile with 1-bromo-2,3-epoxy-3-methylbutane and epibromhydrin. Zhur. ob. khim. 35 no.5:798-800 My '65.

(MIRA 18:6)

1. Leningradskiy gosudarstvennyy universitet.

TEMNIKOVA, T.I.; KOVALEVSKAYA, R.N.

Interaction of 1-bromo-2,3-epoxy-3-methylbutane with α -cyano ketones. Zhur. org. khim. 1 no.9:1706 S '65.

(MIRA 18:12)

1. Leningradskiy gosudarstvennyy universitet. Submitted
April 6, 1965.

TEMNIKOVA, T.I.; KARAVAN, V.S.; SEMENOVA, S.N.; ATAVIN, A.S.; MIRSKOVA,
A.N.; CHIPANINA, N.N.; PRELOVSKAYA, R.A.; AKIMOVA, G.S.;
CHISTOKLETOV, V.N.; PETROV, A.A.; MINGALEVA, K.S.; GOLODOVA,
K.G.

Letters to the editors. Zhur. org. khim. 1 no.11:2076-
2078 N '65. (MIRA 18:12)

1. Leningradskiy gosudarstvennyy universitet (for Temnikova,
Karavan, Semenova). 2. Irkutskiy institut organicheskoy khimii
Sibirskogo otdeleniya AN SSSR (for Atavin, Mirskova, Chipanina,
Prelovskaya). 3. Leningradskiy tekhnologicheskii institut
imeni Lensovetu (for Akimova, Chistokletov, Petrov).

TIMOFEEV, M.P.; TEMNIKOVA, Ye.S., red.; NIKITINA, L.V., red. ind-va;
BACHURINA, A.M., tekhn. red.

[Advanced methods and efficient tools for tapping trees; "Forestry and Lumber" pavilion] Progressivnye metody i ratsional'nye instrumenty dlia podsochki derev'ev; Pavil'on lesnaia promyshl. i lesnoe khoziaistvo. [Moskva] TSentr. biuro tekhn. informatsii [1957] 3 p.
(MIRA 11:10)

1. Moscow. Vsesoyuznaya promyshlennaya vystavka.
(Tree tapping)

TEMNIKOVA, Ye.S.

New standards. *Gidroliz. i lesokhim. prom.* 16 no.5:22 '63.
(MIRA 17:2)

1. Gosudarstvennyy komitet po lesnoy, tsellyulozno-bumazhnoy,
derevoobrabatyvayushchey promyshlennosti i lesnomu khozyaystvu
pri Gosplane SSSR.

ТЕННИЙ, М.Ф. [Tennyi, M.F.]; САЛАТА, Л.Л.

Drive for the spindle of the automatic hand of
UA-300-3 left winding machine. H.P. "Tennyi", L.L.
prot. no.2:42-43 A₁-Je²61

TEMNOGRUDOV, Aleksey Aleksandrovich; SERGEYEVA, Zinaida Vladimirovna,
red.

[Cancer and its control] Rakovye zabolevaniia i bor'ba s nimi.
Penza, Pensenskoe knizhnoe izd-vo, 1959. 31 p. (MIRA 13:8)
(CANCER)

PETELINA, V.S.; STARTSEV, B.Ya.; Prinsipal' uchastiye: KOTOVA, L.A.,
laborant; TRUSOVA, M.I., laborant; TEMNOGRUDOVA, L.G., laborant;
TURKOVA, N.A., laborant

Regeneration of alkali from the sulfide alkalies of desulfurized
petroleum-products. Nefteper. i neftekhim. no.9:25-27 '63.
(MIRA 17:8)

1. Nauchno-issledovatel'skiy institut khimii, g. Saratov.

PETELINA, V.S.; STARTSEV, B.Ya.; Prinimali uchastiye: KOTOVA, L.A., laborant;
TRUSOVA, M.I., laborant; TEMNOGRUDOVA, L.G., laborant; TURKOVA, N.A.,
laborant

Problem of the recovery of alkali from sulfide waste liquors.
Zhur.prikl.khim. 38 no.6:1212-1216 Je '65. (MIRA 18:10)

1. Nauchno-issledovatel'skiy institut khimii Saratovskogo gosudar-
stvennogo universiteta imeni N.G.Chernyshevskogo.

TEMNOKHUD, N.N., inzh.

Effect of thermal conditions of blast furnaces on the waste-gas
composition. Bul. TSNIIKHIM no.1:5-8 '58. (MIRA 11:5)
(Blast furnaces)

SOV/137-59-5-9825
Translation from: Referativnyy zhurnal, Metallurgiya, 1959, Nr 5, p 50 (USSR)

AUTHORS: Pliskanovskiy, S.T., Temnokhud, N.N.

TITLE: Continuous Control of the Composition of Blast Furnace Gas

PERIODICAL: Byul. tekhn.-ekon. inform. Sovnarkhoz Stalinskogo ekon. adm.
r-na, 1958, Nr 6, pp 42 - 44

ABSTRACT:

Information is given on the design and operation of an optic-acoustical gas analyzer for determining the CO₂ and CO content in gas, as well as of an electric gas analyzer for H₂ determination. The operational principle of the first device is based on the ability of CO₂ and CO to absorb infrared rays proportional to their concentration and to the vibration of gas under the continuous effect of an infrared radiation flow. Tests carried out at blast furnace shop of the "Azovstal'" plant yielded satisfactory results: the magnitude of error of the measurements did not exceed $\pm 5\%$. The steadiness of the readings of the devices

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SOV/137-59-5-9825

Continuous Control of the Composition of Blast Furnace Gas

was preserved for two years. A series of deficiencies was also observed in their operation, as well as the absence at the Plant of an installation to prepare a standard gas mixture. ✓

G.Ch.

Card 2/2

SOV/130-58-10-3/18

AUTHORS: Pliskanovskiy, S.T. and Temnokhud, N.N.

TITLE: Continuous Measurement of the Composition of Blast-Furnace Top Gas (Neprreryvnyy kontrol' sostava koloshnikovogo gaza na domennykh pechakh).

PERIODICAL: Metallurg, 1958, Nr.10, pp.7-9 (USSR)

ABSTRACT: The continuous analysis of blast-furnace top gas is important for furnace operation. At the "Azovstal'" works experiments have been carried out with an infra-red analyser for carbon monoxide and carbon dioxide, and a thermal conductivity meter for hydrogen. The gas from the tangential gas cleaner is taken through a coarse filler filled with 15-25 mm coke, goes via a hose to a further filter-condenser containing bog ore, thence to two calcium-chloride filter-driers in parallel and through a membrane pressure regulator to a flowmeter, followed, in series, by the CO, CO₂ and H₂ analysers and a waste gas pipe (Fig.1). The construction of the CO and CO₂ meters is identical. Each consists (Fig.2)

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SOV/130-58-10-3/18

Continuous Measurement of the Composition of Blast-Furnace Top Gas.

of two sources of infra-red radiation which follow parallel paths to a detector (filled with the pure gas being analysed for). One of the beams on its way passes through a cell filled with air, the other through one filled with the analysed mixture. Both beams pass through cells filled with CO for the CO₂ analyser and CO₂ for the CO analyser: these cells serve to eliminate the influence of the other component in each case (Fig.2). The signal from the detector, which is a measure of the difference in infra-red energy of the appropriate wavelength absorbed in the two beams is a measure of the concentration of the appropriate component in the gas mixture: it is amplified and recorded. The ranges of the infra-red instruments are 7-15% CO₂ and 25-35% CO. The hydrogen analyser is of the balanced-bridge thermal conductivity type (Fig.3). It follows the infra-red meters in the gas train and has a range of 0-5% H. The errors of all the instruments are well within (Table) the 15% specified. This article is "Byulleten' tekhniko-ekonomicheskoy informatsii", 1958, Nr.6, of the SNKh-

Card 2/3

SOV/130-58-10-3/18

Continuous Measurement of the Composition of Blast-Furnace Top Gas.

Stalinskiy ekonomicheskii administrativnyy rayon
(SNKh — Stalino economic-administrative region).
There are 3 figures and 1 table.

ASSOCIATION: Donetskiy industrial'nyy institut (Donets Industrial
Institute) and "Azovstal'" works.

Card 3/3

SOV/32-2,-2-42/78

25(6)
AUTHORS: Kozhukh, V. Ya., Tennokhud, N. N., Onishchenko, N. G.

TITLE: An Attempt to Make Use of Optico-Acoustical Gas Analyzers
(Opyt ekspluatatsii optiko-akusticheskikh gazoanalizatorov)

PERIODICAL: Zavodskaya Laboratoriya, 1959, Vol 25, Nr 2,
pp 215 - 218 (USSR)

ABSTRACT: In the "Azovstal'" plant a pilot unit for the continuous
determination of the CO, CO₂, and H₂ contents of blast furnace
gas has been erected. The unit consists of optico-acoustical
gas analyzers, filters intended to remove dust and "aggressive"
impurities, as well as flow regulators for the supply of the
solutions to the filters and for the gas filtration proper.
Both the unit and the underlying principle have already been
described (Ref 1). It was found that some of the auxiliary
arrangements are not necessary for work in connection with
blast furnaces. The modification of the unit (Fig 1) is now
being used with all the furnaces in the plant. It has the
following measuring ranges: 0-35% for CO, 0-15% for CO₂, and
0-10% for H₂. In order to increase the accuracy of measurements

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An Attempt to Make Use of Optico-Acoustical Gas Analyzers SOV/32-25-2-42/76

the CO, CO₂, and H₂ scales were modified by the L'vovskiy politekhnicheskii institut (L'vov Polytechnic Institute) (CO 25-35%, CO₂ 7-15%, H₂ 0-5%), and the potentiometer wiring (Fig 2) as well as the resistance of the rheochord of the unit (Fig 3) were changed accordingly. The operation of the gas analyzers and the reproducibility of the results (Table 2) were checked by means of check mixtures (Table 1). In 1957 optico-acoustical industrial gas analyzers of the types OA 2104 (for CO), OA 2204 (for CO₂), and TP-1110 (for H₂) were introduced for use with all blast furnaces of the "Azovstal'" plant. The types mentioned above differ from the experimental models by the method of measurement of the amount of gas supplied. The apparatuses are described in references. The results of the testing of gas analyzers are given (Table 3). Moreover the relative advantages and drawbacks of the latter apparatuses and those mentioned above are pointed out. It is also stated that it will be necessary to set up expert teams for the assembly and erection of analytical apparatuses for metallurgical works. These should be formed in the works by KIP and the avtomatika (Auto-

Card 2/3

An Attempt to Make Use of Optico-Acoustical Gas Analyzers SOV/32-25-2-42/78

mation). There are 3 figures, 3 tables and 3 Soviet references.

ASSOCIATION: Zavod "Azovstal'" ('Azovstal'" Plant)

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S/137/60/000/010/005/040
A006/A001

Translation from: Referativnyy zhurnal, Metallurgiya, 1960, No. 10, p. 39, # 22715

AUTHORS: Sorokin, V.A., Lukashov, G.G., Pliskanovskiy, S.T., ~~Temnokhud, N.N.~~

TITLE: First Results of the Experimental Operation of a System of Devices
for the Automatic Control of Heat Conditions in a Blast Furnace

PERIODICAL: Tr. Donetsk. industr. in-ta, 1959, Vol. 40, pp. 19 - 32

TEXT: In accordance with formulae of heat control submitted, the calculation of basic parameters of blast furnace smelting process depends on 39 variables, some of which are varying slowly with time and the rest are varying continuously. The calculation of blast furnace melting parameters by these formulae, is carried out with the use of computing devices designed by the L'vov Polytechnic Institute. The parameters varying slowly with time, are supplied to the computer with the aid of a manual apparatus handle; the continuously varying parameters are introduced automatically. To obtain continuously the values of these parameters, measuring devices are mounted which are equipped with additional indicators for the trans-

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S/137/60/000/010/005/040
A006/A001

First Results of the Experimental Operation of a System of Devices for the Automatic Control of Heat Conditions in a Blast Furnace

formation of the indices into electric pulses and for the continuous introduction of the variables to the computer. The authors discuss the results of automatic control device and computer operation on blast furnace No. 2 of the "Azovstal' " Plant, which show that the computers make possible the continuous determination of heat conditions of the furnace and the use of these data to regulate the process. ✓

V.B.

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

TEMNOV, I.I.

Effect on creep deformations exerted by the dimensions of the cross section of a concrete prismatic specimen and by the form of the stress diagram. Izv. AN Arm. SSR. Ser.fiz.-mat. nauk 14 no.6:77-91 '61. (MIRA 15:1)

1. Odesskiy inzhenerno-stroitel'nyy institut.
(Creep of materials)
(Deformations (Mechanics))

ACC NR: AM6008486

Monograph

UR/

Presnukhin, Leonid Nikolayevich; Smirnov, Yuriy Matveyevich; Solomonov, Lev Anatol'yevich; Temnov, Ivan Vasil'yevich

Principles of computer design (Osnovy rascheta i proyektirovaniya schetno-reshayushchikh ustroystv) Moscow, Izd-vo "Vysshaya shkola", 1965. 459 p. illus., biblio. Textbook for students of technical higher educational institutions. 10,000 copies printed.

TOPIC TAGS: computer design, computer component, *pulse counter*

PURPOSE AND COVERAGE: This textbook has been approved by the Ministry of Higher and Secondary Special Education USSR and is intended for students in advanced instrument-building courses in schools of higher education. It may also be useful to designers, engineers, and technicians concerned with calculation and design of computers and mathematical machines. The author's intention was to create a practical manual on the calculation and design of computers and calculators containing typical examples of calculations as well as recommendations on the selection of elements and the construction of designed circuits, taking their operating conditions, production, and technology into consideration. Ch.I and III were written by L. N. Presnukhin, Ch.II by I. V. Temnov, Ch.IV. by Yu. M. Smirnov, and Ch.V. by L. A. Solomonov

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ACC NR: AM6008486

The general arrangement was supervised by L. N. Presnukhin. There are 36 references, all Soviet.

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ACC NR: AM6008486

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AVAILABLE: Library of Congress

SUB CODE: 09/ SUBM DATE: 16Jun65/ ORIG REF: :036

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TEMNOV, V., inzhener.

Apparatus for testing the tension of the fan belt. Avt.transp.32
no.10:34-35 0 '54. (MLRA 7:12)
(Automobiles--Engines)

ZEL'DIS, M.; ~~TEKNOV~~, V.

Gasoline pump and carburetor testing unit. Avt.transp. 33 no.3:
34-35 Mr '55. (MLRA 8:5)
(Carburetors - Testing) (Fuel pumps--Testing)

TEMNOV, V.

Machine for pressing polishing materials. Avt.transp.33 no.9:24
S'55. (MIRA 8:12)
(Automobiles--Apparatus and supplies)

TEMNOV, V.

~~was not to be used~~

Device for removing the oil pump gear bushing in Moskvich engines.
(MIRA 9:3)

Avt.transp. 33 no.11:33 N '55.

(Automobiles--Engines)

TEMNOV, V.; GUSEV, B.

Stand for testing the springs of front suspensions. Avt.transp.
34 no.4:35 Ap '56. (MLRA 9:8)
(Automobiles--Springs--Testing)

1E 11/11/44
TEMNOV. V.

Equipment for checking vacuum governors of ignition regulators.
Avt. transp. 36 no.1:32-33 Ja '58. (MIRA 11:1)
(Automobiles--Ignition)

TEMNOV, V.

Device for testing wheel brake cylinders of automobiles.
Avt. transp. 36 no.10:37 0 '58. (MIRA 13:1)
(Automobiles--Brakes--Testing)

TEMNOV, V.

Stand for checking and straightening front-axle centers of the
GAZ-51 automobile. Avt.transp. 37 no.3:26-27 Nr '59.

(MIRA 12:4)

(Automobiles--Axles--Testing)

TEMNOV, V.

Rolls for rolling spring plates. Avt. transp. 37 no.10:38-39
0 '59. (MIRA 13:2)
(Rolling mills)

TEMNOV, V.; LYUBIMOV, V.

Stand for testing driving axles. Avt.transp. 40 no.9:52-53
S '62. (MIRA 15:9)
(Motor vehicles--Axles)

TEMNOV, V.

"On the Bactericidal Property of the Honey in Relation to the Treatment of Infected Wounds" (p. 115) by Temnov, V.

SO: Advances in Contemporary Biology (Uspekhi Sovremennoi Biologii) Vol. 17, 1944, No. 1

TERENOV, V. A.

23518 NOVYI SPOSOB KOLICHESTVENNOGO OPREDELENIYA PADI IZVESHCHIVANIYA AARTSIYEV.
PCHEROVODSTVO, 1949, No. 7, c. 21-24

So: LETOPIS' NO. 31, 1949

111

CA

Injury to bees by caramelized honey. V. A. Tennov.
Doklady Vsesoyuz. Obshch. Leniniz. Akad. Nauk i Khim.
Nauk im. V. I. Lenina 15, No. 3, (6) 2 (1930). --Different
types of honey were dissolved in water, boiled to remove
the water, and the caramelized honey was fed to bees. It
proved to be extremely injurious, cutting down the life-
span of the bee to 10%.

I. S. Joffe

TEMNOV, V. A.

Bee Culture

Quality of honey and wintering of bees. Pchelovodstvo 29 No . 9, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. UNCLASSIFIED

TEMNOV, V.A., kandidat sel'skokhozyaystvennykh nauk.

Vibro-pollination in greenhouses. Nauka i zhizn' 22 no.12:51
D '55. (Fertilization of plants) (MIRA 9:2)

USSR / Farm Animals. Honey Bee.

2

Abs Jour: Ref Zaur-Biol., No 9, 1958, 40560.

Author : Temnov V. A.

Inst : Not given.

Title : The Achievements and Basic Problems in the Technology of Beeswax.

Orig Pub: Pchelovodstvo, 1957, No 10, 8-12.

Abstract: No abstract.

Card 1/1

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TEMNOV, V. A.

TEMNOV, V.A., kandidat sel'skokhozyaystvennykh nauk.

Queen-bee milk in melliferous bees. Priroda 46 no.5:100-102 My
'57. (MLRA 10:6)

1. Vsesoyuznyy institut nauchnoy i tekhnicheskoy informatsii
Gostekhniki SSSR Akademii nauk SSSR (Moskva).
(Bess)

KOVALEV, A.M.; NUZHIDIN, A.S.; POLTEV, V.I.; TARANOV, G.F.; TEMNOV, V.A.;
NECHAYKVA, Ye.G., red.; PRVZNER, V.I., tekhn.red.

[Textbook on beekeeping] Uchebnik pchelovoda. Izd.2., perer.
i dop. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1958. 635 p.
(MIRA 13:1)

(Bee. culture)

USSR/ Farm Animals - Honey Bee.

3-4

Abs Jour : Red Zhur - Biol., No 1, 1959, 2773

Author : Ternov, V.A.

Inst : -

Title : Studies in the Crystallization of Beeswax

Orig Pub : Rechovodstvo, 1958, No 4, 30-34.

Abstract : Certain practical problems of beeswax-processing production are considered here from the standpoint that wax in its solid form constitutes a crystalline body, and its solidification following melting is a crystallization process.

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END
- 54 -

26-58-7-39/48

AUTHOR: Temnov, V.A., Candidate of Agricultural Sciences (Moscow)

TITLE: The Cure of Bee Stings (O lechenii pchelinykh uzhaleniy)

PERIODICAL: Priroda, 1958, ⁴⁷⁻Nr 7, pp 117-118 (USSR)

ABSTRACT: The author gives a brief survey on the present state of research on the effects of bee stings on the human body. The survey is based on an article published by F. Krzeminski (F. Ksheminskiy) in a Polish bee-keeping journal. Among bee keepers, only 4.2% were immune to bee poison. This may be innate or acquired as a result of bodily exhaustion from tuberculosis, diabetes, kidney and heart diseases, troubles of the blood circulation system, etc. Innate resistance against bee poison may have been acquired when the mother had been stung during the pregnancy period. The average doctor or hospital has no special drugs against serious cases of poisoning from bee stings, except the well-known household remedies. For light poisoning cases, Krzeminski recommends the application of heart drugs and drinking of large amounts of milk, fresh or sour; in case of a resulting nettle rash the application of salicyclic acid over large areas of the body, cold compresses and subcutaneous doses

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The Cure of Bee Stings

26-58-7-39/48

of calcium preparations and, in order to constrict the blood vessels and increase the blood pressure, subcutaneous adrenaline doses; in serious cases, the application of anti-histamines.

There is 1 Polish and 1 Canadian reference.

1. Bee stings--Physiological effects
2. Bee stings--Therapy

Card 2/2

SHATENSHTeyN, V.G.; LEYTMAN, Ya.Z.; TEMNIK, V.G.

Effect of the DB wetting agent on the increase of the bulk density of the coal charge. Koks i khim. no.2:11-13 '64. (MIRA 17:4)

1. KommunarSKIY koksokhimichesKIY zavod (for Shatenshteyn, Leytman).
2. KommunarSKIY gorno-metallurgichesKIY institut (for Temnik).

REZNIK, V. K.

REZNIK, V. K. - "Resistance along the line of pressure water sluices of hydroelectric power stations." Moscow, 1955. Min Higher Education USSR. Moscow Order of Lenin Power Engineering Institute V. I. Molotov. (Dissertation for the degree of Candidate of Technical Sciences.)

SC: Knizhnyaya letopis', No 48. 26 November 1955. Moscow.

SOV/124-57-5-5535

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 5, p 60 (USSR)

AUTHOR: Temnov, V. K.

TITLE: The Hydraulic Friction in Short Penstocks Wherein the Hydraulic Resistance Varies in Accordance With a Square Law (Gidravliches-koye treniye v korotkikh napornykh vodovodakh pri kvadratichtnom zakone soprotivleniya)

PERIODICAL: Tr. Mosk. energ. in-ta, 1956, Nr 19, pp 135-149

ABSTRACT: In order to evolve formulae with which to calculate the hydraulic-resistance coefficient along the length of a short conduit characterized by inner-surface roughness and in which the hydraulic resistance varies according to a square law, the author has recourse to three devices: 1) the so-called Kármán relationship between the momentum variation in the turbulent boundary layer and the forces of the pressure and of the turbulent friction; 2) the assumption that the velocity distribution in the boundary layer obeys a logarithmic law; and 3) an equation for the variation in the flow velocity of the core of the flow. Solving the resulting closed system of equations yields a

Card 1/2 differential equation which, in turn, yields a value for the

SOV/124-57-5-5535

The Hydraulic Friction in Short Penstocks Wherein the Hydraulic Resistance (cont.)

boundary-layer thickness. In the solving of this latter equation the author's use of approximate methods of graphic and numerical integration enables him to determine the mean value of the friction coefficient along the length of the conduit. The approximate character of the boundary-layer theory on which the evolved theoretical relationships are based and the number of arbitrarily adopted assumptions involved have tended to make the resulting formulae approximate also; they require to be verified experimentally. Bibliography: 7 references.

V. I. Gotovtsev

Card 2/2

Temnov, V.K.

25(2);10(4) P.3

PHASE I BOOK EXPLOITATION SOV/3301

Chelyabinsk. Politekhnicheskiy institut

Raschet i konstruirovaniye mashin (Design and Construction of Machines) Moscow, Mashgiz, 1959. 78 p. (Series: Its: Sbornik statey, vyp. 13). 4,000 copies printed.

Sponsoring Agency: Ministerstvo vysshego obrazovaniya SSSR.

Reviewers: S.A. Bybin, Engineer; G.A. Mendeleyev, Engineer; G.E. Paley, Candidate of Technical Sciences; A.P. Trofimov, Engineer; Ye.M. Kharitonchik, Candidate of Technical Sciences; and Kh.I. Shvartsman, Engineer; Ed.: V.I. Sayapin, Candidate of Technical Sciences; Tech. Ed.: N.A. Dugina; Exec. Ed. (Ural-Sibirian Division, Mashgiz): T.M. Somova, Engineer.

PURPOSE: This book is intended for technical and scientific personnel in the field of the design and construction of machines.

COVERAGE: This is a collection of articles written by scientific personnel of the Chelyabinsk Polytechnical Institute. They

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Design and Construction (Cont.)

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deal with various problems in the design and construction of sub-assemblies and mechanisms of internal combustion engines, automotive transmissions, hydraulic and other machines. No personalities are mentioned. References accompany each article.

TABLE OF CONTENTS:

Foreword	3
Rumyantsev, S.A., Engineer. Problem of Increasing the Life of Splines	4
Investigations aimed at improving the wear resistance of splines with length/diameter ratio of 0.5 are described. It is shown that by means of nitriding and cyaniding and increasing the life of splines by 2.6-3 times, their wear amounts to only 0.04-0.05 mm and they are suitable for further use.	
Stashkevich, A.P., Candidate of Technical Sciences. Problem of Designing Cams for the Mechanism for Valve Operation of Internal Combustion Engines	12
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Design and Construction (Cont.)

SOV/3301

Analysis of the effect of geometry of separate sections of cam profiles on the kinematics of the follower. Intake and exhaust cams with improved profiles were designed.

Pogrebenny, I.N., Candidate of Technical Sciences. Improving the L-18 Centrifugal Pump 26

Replacing the L-18 centrifugal-pump impeller by a new one, type B-5, resulted in an increase of efficiency of 26 percent and an annual saving of 30 thousand rubles.

Temnov, V.K., Candidate of Technical Sciences. Friction Factor in Unsteady Fluid Flow 45

An expression for the friction factor in unsteady flow in a pipe is derived.

Pogrebenny, I.N., Candidate of Technical Sciences. Cavitation Tests on a Model of a Francis-type Turbine in an Open System 48

Various methods of cavitation tests on a model of a Francis-type turbine with variable head were compared. It was established that it is most expedient to determine cavitation

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Design and Construction (Cont.)

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characteristics with a constant opening of the guide apparatus and a constant number of revolutions per minute. Under these conditions cavitation develops at a lower head than when other methods are used.

Vasin, G.G., Engineer. Some Problems of Kinematics and Dynamics of the "Impulsator" in an Automotive Inertia-type Stepless Torque Converter

57

The author presents kinematic and dynamic analysis of the "impulsator" mechanism of the new automotive inertia-type stepless torque-converter developed at the Chelyabinsk Polytechnical Institute under the direction of M.F. Balzhi.

Vasin, G.G., Engineer. Principles of Designing the "Impulsator" Mechanism of an Automotive Inertia-type Stepless Torque Converter 68

The author describes basic conditions which determine the selection of a method for designing the impulsator and determines basic relationships between impulsator parameters.

AVAILABLE: Library of Congress

VK/jo
4-29-60

Card 4/4

TEMNOV, V.K., kand.tekhn.nauk

Resistance coefficient in case of nonuniform flow of a liquid.
Sbor.st.CHPI no.13:45-47 '59. (MIRA 13:4)
(Hydrodynamics)

SP4 (1) BWP (1) WFO--ASPTT ASD--Pd-L

ACCESSION NR: AP3001549

S/0143/63/000/52/1229/...

AUTHOR: Temnov, V. K. (Candidate of technical sciences)

56

TITLE: Hydraulic resistance factor of an easy entrance with a turbulent liquid
flow

SOURCE: IVUZ. Energetika, ⁶⁻no. 4, 1963, 89-93

TOPIC TAGS: hydraulic resistance factor, turbulent liquid flow

ABSTRACT: It is usually assumed that the entrance resistance factor depends on the entrance shape only. However, in case of a very easy entrance the resistance factor will depend on the roughness of walls and the mode of flow. The article presents an approximate method for calculating the resistance factor of a very easy entrance into a round rough-wall pipe when the liquid flow is turbulent. Engineering formulas are supplied, and the theoretical results are compared with the experimental data taken from literature. Orig. art. has: 4 figures and 15 formulas.

ASSOCIATION: Chelyabinskiy politekhnicheskiy institut, Kafedra gidravliki i gidravlicheskih mashin (Chelyabinsk Polytechnic Institute, Chair of Hydraulics)

Card 1/2/

L 36335-66 EWT(d)/EWP(1) GD

ACC NR: AT6012898

SOURCE CODE: UR/0000/65/000/000/0197/0214

AUTHOR: Gavrilov, L. V.; Nikolayev, V. I.; Temnov, V. N.

ORG: None

TITLE: Results of a study on working conditions of operators

SOURCE: Sistema chelovek i avtomat (Man-automaton systems). Moscow, Izd-vo Nauka, 1965, 197-214

TOPIC TAGS: information theory, man machine ^{relation} ~~communication~~, automatic control system, information processing

ABSTRACT: Experiments are set up to explain the basic factors which affect the duration of time lost by operators in performing their tasks. An experimental apparatus, OPERATOR, was constructed for this study. The results of this experiment show that information reception increases in proportion to the number of light signals. An expression is given for this relationship

$$\tau_{\text{rec}} = bH + a$$

Information reception time is not determined by input information presented by the apparatus
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ACC NR: AT6012898

tus but by output information. With a greater quantity of information than $I=4$. 16 binary units, the throughput capacity of the operator falls to $C=5$ binary units per second. It was shown that the throughput capacity of the subject approaches 5 binary units per second with an increase in the information stream for the given experiment as well as for the experiments with damped units. A study of communication and command efficiency under marine conditions shows that redundancy is greater for special technical language than for standard language (94% as compared to 60%). Orig. art. has: 13 figures and 27 formulas.

SUB CODE: 05 / SUBM DATE: 02Aug65 / ORIG REF: 003

Card 2/2

TEMNOV, Yu.A.

KHAPOV, N.S.; KORYAYEVA, A.I.; TEMNOV, Yu.A.

Improving the quality of stuffing box packings. Avt. i trakt. prom.
no.12:34-36 D '57. (MIRA 11:1)

1. Yaroslavskiy avtozavod.
(Packing (Mechanical engineering))

LAKHTICHOV, A. F., TELENOVA, S. V.

Trees - Wounds and Injuries

Solutions for liming fruit trees. Sad i og. No. 2, 1953.

Monthly List of Russian Accessions, Library of Congress
June 1953. UNCL.

TEMNOYEV, N. I.

Distribution of vegetation throughout the territory of the Kanin-Timan tundra and the Mezen forests. Bot.zhur. 41 no.5:689-696
(MLRA 10:7)
My '56.

1. Mezkhoblastnaya kompleksnaya ekspeditsiya Ministerstva sel'skogo khozyaystva RSFSR, . Ust'-Usa, Koni ASSR.
(Arkhangel'sk Province--Phytogeography) (Tundra)

TEMNOYEV, N.I. (Anapa)

Gecbotanical explorations in northern Yakutia in connection with
the organization of the exploitation of reindeer pastures. Bot.
zhur. 46 no.10:1497-1503 0 '61. (MIRA 14:9)
(Yakutia--Pasture research)

VASIL'YEV, O.F.; GODUNOV, S.K.; PRITVITS, N.A.; TEMNOYEVA, T.A.;
FRYAZINOVA, I.L.; SHUGRIN, S.M.

Numerical method for calculating the propagation of long waves
in open river beds and its application to the flood problem.
Dokl. AN SSSR 151 no.3:525-527 J1 '63. (MIRA 16:9)

1. Institut gidrodinamiki Sibirskogo otdeleniya AN SSSR.
Predstavleno akademikom P.Ya.Kochinoy.

VASIL'YEV, O.F. (Novosibirsk); TEMNOYEVA, T.A. (Novosibirsk);
SHUGRIN, S.M. (Novosibirsk)

Numerical method for calculating nonsteady flows in open
channels. Izv. AN SSSR. Mekh. no.2:17-25 Mr-Apr '65. (MIRA 18:6)

TEMNYKH, G.; SEMIN, N.

Technical maintenance of electronic navigation instruments and the
role of radio specialists on ships. Mor. flot 25 no.8:17 Ag '65.
(MIRA 18:8)

1. Nachal'nik otdela svyazi i elektroradionavigatsii upravleniya
"Vostokrybkholodflot" (for Temnykh).

TEMNYUK, F.P.

Lower Oligocene deposits of the Uzhok - Dnjlja zone in the eastern
Carpathian Mountains [with summary in English]. Dop. AN URSR no.3:
321-323 '58. (MIRA 11:5)

1. Geologorozviduval'na kontora trestu "L'vivnaftogazrozvidka."
Predstavleno akademikom AN USSR O.S. Vyalovym.
(Carpathian Mountain--Geology, Stratigraphic)

TEMNYUK, F.P.

Lithofacies changes in Paleocene sediments in the northwestern
part of the eastern Carpathians. Trudy UkrNIGRI no.1:68-74 '59.
(MIRA 12:12)
(Carpathian Mountains--Geology, Stratigraphic)

3 (5)

AUTHOR:

Temnyuk, F. P.

SOV/21-59-6-19/27

TITLE:

Eocene Deposits in the Gorgan Folds of the Carpathians

PERIODICAL:

Dopovidi Akademii Nauk Ukrain's'koi RSR, 1959, Nr 6,
pp 656 - 658 (USSR)

ABSTRACT:

By this article the author makes his contribution to the still unsettled dispute over the origin of some deposits in the Gorgan folds of the Carpathians. Fleetinglly mentioning some authors named in the reference block and geologists B. P. Tyshchuk and S. I. Shevir'yov, the author states that some of them regarded the origin of the above-mentioned deposits as being of the Oligocene epoch, whereas others believed them to be of Paleocene era. In the author's opinion both beliefs are wrong, and those deposits actually are of Eocene origin. The correctness of his statement, the author fortifies by the opinion of L. A. Artsabka who examined them in 1958, and by the finds of an MGRI expedition. The author also challenges the (in his opinion) preconceived opinion that the Eocene deposits of the Carpathians, in all

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Eocene Deposits in the Gorgan Folds of the Carpathians

SOV/21.59-6-19/27

tectonic zones, should be of a green color, and cites a number of instances when the examined deposits were of a black color. In his opinion, the complex of Eocene deposits in the Gorgan folds has an acute facial difference from the Eocene rocks of the Skib zone. In appearance they are similar to the menilitic suite. The rocks of the Golyatin suite, studied by the author with particular attention, are of Lower Eocene age, contain a flint horizon in their foot and have much common with the menilitic deposits in respect to their lithology. There are 8 Soviet references.

ASSOCIATION: Kompleksnaya tematicheskaya ekspeditsiya (Joint Thematical Expedition)

PRESENTED: By V. H. Bondarchuk; (V.G. Bondarchuk) Member, AS UkrSSR

SUBMITTED: January 12, 1959

Card 2/2

TEMNYUK, F.P.

Lyuta series in the Gorgany folds of the Carpathian Mountains.
Geol. zhur. 19 no.3:58-63 '59. (MIRA 12:10)
(Gorgany Mountains--Folds (Geology))

TEMNYUK, F.P.

Lithological and faunistic characteristics of lower Oligocene deposits
in the Uzh-Latoristsa-Vecha interfluv. Nauk. zap. Nauk-pryrod. muz.
AN URSR 8:134-140 '60. (MIRA 13:11)
(Carpathian Mountains--Paleontology, Stratigraphic)

TEMNYUK, F.P.

Krosno sediments in the Ukrainian Carpathians. Geol.zhur. 21 no.3:
43-51 '61. (MIRA 14:7)

1. Trest "L'vivneftegazrazvedka".
(Carpathian Mountains—Geology, Stratigraphic)

TEMNYUK, F.P.; RYABOKON', A.S. [Riabokon', O.S.]

Establishment of mineralogical provinces in the northwestern part of the Ukrainian Carpathians and their significance for paleogeographical reconstructions. Dop.AN URSR no.7:955-959 '61.
(MIRA 14:8)

1. Kompleksna tematiczna ekspeditsiya tresta "L'vivnaftogazrozvidka". Predstaviv akademik AN URSR V.G.Bondarchuk [Bondarchuk, V.H.].
(Carpathian Mountains--Mineralogy)

TEMNYUK, F.P.

Lithological facies types of flysch deposits in the northwestern part of the northern slope of the Ukrainian Carpathians. Dop AN URSR no.2: 266-229 '62. (MIRA 15:2)

1. Trest "L'vivnaftogazrozvidka." Predstavleno akademikom AN USSR V.G.Bondarchukom [Bondarchuk, V.H.]
(Carpathian Mountains—Flysch)

TEMNYUK, F.P.

Correlation of Paleocene and Eocene sediments in the Ukrainian
Carpathians. Geol.zhur. 23 no.3:100-107 '63. (MIRA 16:9)

1. Trest "L'vivnaftogazrozvidka".
(Carpathian Mountain region--Geology, Stratigraphic)

KUL'CHITSKIY, Ya.O. [Kul'chyts'kyi, IA.O.]; TEMNYUK, F.P.

Paleogene sediments of the Krosnen and Kuklyan zones in the Uzh
and Latoritsa interfluve. Dop. AN URSR no.5:628-631 '64.

(MIRA 17:6)

1. Ukrainskiy nauchno-issledovatel'skiy geologorazvedochnyy institut.
Predstavleno akademikom AN UkrSSR V.B.Porfir'yevym [Porfyr'iev, V.B.].

TEMNYUK, F.P.

New find of ichthyofauna in the source of the Uzh River and
the age of the sediments enclosing it. Dop. AN URSR no.8:
1076-1078 '65. (MIRA 18:8)

1. Ukrainskiy nauchno-issledovatel'skiy gornorudnyy institut.

FESYUNOV, Ye.A. (Odessa); TEMNYY, Kh.A. (Odessa)

Ways for the economic and organizational strengthening of rail-
road divisions. Zhel.dor.transp. 45 no.10:58-59 0 '63.

(MIRA 16:11)

1. Zamestitel' nachal'nika finansovoy sluzhby Odessko-Kishinevskoy
dorogi (for Fesyunov).

TEMNYI, V. P.

TEMNYI, V. P. and KRASSOV, I. M.

"Equipment for Determining the Dynamic Characteristics of Regulators",
Avtomatika i Telemekhanika, Vol 14, No 1, 1953, pp 51-55.

Describes equipment for the experimental determination of the dynamic characteristic of a regulator. The amplitude-phase characteristic is obtained by means of a comparison of simultaneously recorded input and output oscillations. The input sinusoidal undamped oscillations with a constant amplitude may be artificially excited with frequencies, characteristic for slow-moving processes. A cam, rotated by a hydraulic motor, serves as an exciter. A description of the hydraulic motor and the device for changing the amplitude of input oscillations is given. For recording the oscillations transducers and a multiloop oscillograph are used. The obtained curves are expanded into Fourier series. An example of testing the automatic regulator of hydraulic type with a jet pipe is given. (RZhMekh, No 11, 1954) SO: Sum. No. 443, 5 Apr. 55

DUDNIKOV, Ye.G. (Moskva); KRASSOV, I.M. (Moskva); TAGAYEVSKAYA, A.A. (Moskva);
TEMNYY, V.P. (Moskva); BARKALOV, P.T. (Moskva).

Experimental determination of the dynamic characteristics of control systems in industrial plants. Avtom. i telem. 14 no.4:418-423 J1-Ag '53. (MLRA 10:3)

(Automatic control)

TEMNYY, V.P. (Moskva).

Experimental determination of the rigidity of rubber-fabric diaphragms [with English summary in insert]. Avtom. i telem. 17 no.11: 1042-1045 N '56. (MLRA 9:12)
(Plastic fabrics) (Pneumatic control)

TECHNICAL U.S.

28(1)	PHASE I BOOK EXPLOITATION	509/2702
	Academy nauk SSSR. Institut avtomatiki i telemekhaniki. Seimnar po pnevmogidravlicheskoy avtomatike. 1st, Moscow, 1957.	
	Sistemy, ustroystva i elementy pnevmogidravlicheskoy avtomatiki. Gidromekhanika i pnevmatika. (Pneumatic and Hydraulic Circuits, Devices, and Elements in Automation). Collection of Papers. Moscow, Izd-vo AN SSSR, 1959. 233 p. Errata slip inserted. 2,700 copies printed.	
	Resp. Ed.: M. A. Ayzerman, Doctor of Technical Sciences, Professor, Ed. of Publishing House: A. A. Tal'. Tech. Ed.: T. P. Polyakova.	
	PURPOSE: This collection of papers is intended for scientific research workers and engineers in the field of design and construction of pneumatic and hydraulic equipment and accessories for automation.	
	CONTENTS: This collection contains papers read at the Seminar on Pneumatic and Hydraulic Devices for Automation, May 28, 1957. The collection is divided into the following three groups: 1) papers on pneumatic and hydraulic circuits, 2) pneumatic and hydraulic devices, including regulating units, transmitters and transducers, actuating mechanisms, special-purpose devices, and auxiliary equipment and 3) elements of pneumatic and hydraulic devices for automation, such as controlled and permanent nozzles and diaphragms. No personalities are mentioned. References follow several of the papers.	
	Podgotovitskiy, M. L., and E. M. Beyerman. <u>Moscow</u> . KBTsMA Three-component regulating unit	50
	Drovtsekiy, V. M. <u>Moscow</u> . Small-size Hydraulic Regulating Unit, IAT AN SSSR	57
	Zaidatov, J. N., and V. A. Sukhachev. <u>Moscow</u> . Problems in Constructing Primary Instruments for Measuring Differential Pressure With Pneumatic Compensation	61
	This paper is a theoretical discussion of differential transmitters dealing with their sensitivity, errors, and reliability.	
	Kremennik, V. V. <u>Moscow</u> . Electropneumatic Transducers, IAT AN SSSR	77
	Deltriyat, V. M. <u>Moscow</u> . Static Characteristics of a Pneumatic Relay With Constant Pressure Drop in Nozzles	86
	This paper discusses the static characteristics of a back-pressure type pneumatic relay with indicators that are not sensitive to minute gap changes.	
	Zasedatelle, J. N., and V. A. Sukhachev. <u>Moscow</u> . Differential Pressure Transmitters With Pneumatic Force Compensation (Review of Non-Soviet Designs)	91
	Kremennik, V. V. <u>Moscow</u> . General-purpose Hydraulic Power Servodrive	99
	Arkhangel'skiy, A. P. Hydraulic Universal Variable-speed Transmission (HVS)	103
	This paper describes an axial-platen variable-speed transmission. Its technical specifications and fields of application are discussed.	
	Zabushkin, S. A. <u>Leningrad</u> . Equations for a Stabilizing System With a Hydraulic Actuator Connected With a Control Device by Hydraulic Main Lines	112
	Equations of the motion of the actuator platen and elements of the control device are given. Design examples are presented.	